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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:06 ; Search time 319.49 Seconds
(without alignments)
17.013 Million cell updates/sec

Title: US-09-851-670-3

Perfect score: 24
Sequence: 1 tggcgtgctggatgtcggaag 24

Scoring table:
IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 515962

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :
1: Issued_Patents_NA.*
2: /cgn2_6/ptodata/2/ina/5A.COMB.seq:*
3: /cgn2_6/ptodata/2/ina/5B.COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6A.COMB.seq:*
5: /cgn2_6/ptodata/2/ina/6B.COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCRNUS.COMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	16.2	67.5	55 5 PCT-US92-10024-8	Sequence 8, Appli
2	16.2	67.5	55 5 PCT-US92-10024-9	Sequence 9, Appli
3	16.2	67.5	60 3 US-08-911-894-64	Sequence 64, Appli
4	15	62.5	30 2 US-08-678-039A-25	Sequence 25, Appli
5	14.4	60.0	43 1 US-08-530-492-29	Sequence 29, Appli
6	14.4	60.0	43 1 US-08-906-517-29	Sequence 29, Appli
7	14.2	59.2	31 4 US-09-363-189B-12	Sequence 12, Appli
8	14	58.3	20 1 US-08-089-996-36	Sequence 36, Appli
9	14	58.3	20 2 US-08-478-178A-36	Sequence 36, Appli
10	14	58.3	20 2 US-08-488-177-36	Sequence 36, Appli
11	14	58.3	20 2 US-08-481-072A-36	Sequence 36, Appli
12	14	58.3	20 2 US-08-664-336-36	Sequence 36, Appli
13	14	58.3	20 2 US-08-481-066A-36	Sequence 36, Appli
14	14	58.3	20 3 US-08-578-615A-36	Sequence 36, Appli
15	14	58.3	20 5 PCT-US93-02213-36	Sequence 36, Appli
16	14	58.3	20 5 PCT-US94-07770-36	Sequence 36, Appli
17	14	58.3	60 1 PCT-US94-07770-36	Sequence 36, Appli
18	14	58.3	60 1 US-08-219-012-64	Sequence 64, Appli
19	13.6	56.7	26 4 US-08-687-421-252	Sequence 252, App
20	13.6	56.7	34 2 US-09-198-243-3	Sequence 3, Appli
21	13.6	56.7	36 2 US-08-612-734B-8	Sequence 8, Appli
22	13.6	56.7	43 2 US-08-612-734B-9	Sequence 9, Appli
23	13.6	56.7	43 2 US-08-454-028-20	Sequence 20, Appli
24	13.6	56.7	43 5 PCT-US94-05388-20	Sequence 20, Appli
25	13.6	56.7	45 5 PCT-US96-07496-20	Sequence 20, Appli
26	13.6	56.7	45 5 US-08-454-028-21	Sequence 21, Appli
27	13.6	56.7	45 5 PCT-US94-05388-21	Sequence 21, Appli
			5 PCT-US96-07496-21	Sequence 21, Appli

28	13.6	56.7	50 4 US-08-972-927-14	Sequence 14, Appli
29	13.6	56.7	51 1 US-08-096-027-2	Sequence 2, Appli
30	13.6	56.7	51 1 US-08-461-725-2	Sequence 2, Appli
31	13.6	56.7	51 2 US-08-460-981-2	Sequence 2, Appli
32	13.6	56.7	51 2 US-08-816-605-8	Sequence 8, Appli
33	13.6	56.7	52 1 US-08-464-342-22	Sequence 22, Appli
34	13.6	56.7	52 2 US-08-464-604A-25	Sequence 25, Appli
35	13.6	56.7	52 2 US-08-875-272-22	Sequence 22, Appli
36	13.6	56.7	52 2 US-08-903-396-22	Sequence 22, Appli
37	13.6	56.7	52 2 US-08-461-030C-8	Sequence 8, Appli
38	13.6	56.7	52 2 US-08-467-265-13	Sequence 13, Appli
39	13.6	56.7	52 4 US-08-467-265-13	Sequence 13, Appli
40	13.6	56.7	52 4 US-09-407-891-13	Sequence 13, Appli
41	13.6	56.7	52 5 PCT-US95-07135-8	Sequence 8, Appli
42	13.6	56.7	53 2 US-08-820-825-8	Sequence 8, Appli
43	13.6	56.7	53 3 US-08-462-969B-10	Sequence 10, Appli
44	13.6	56.7	53 3 US-08-462-969B-12	Sequence 12, Appli
45	13.6	56.7	53 4 US-09-307-817-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
PCT-US92-10024-8/c
Sequence 8, Application PC/TUS9210024
GENERAL INFORMATION:
APPLICANT: Chang, Tse Wen
TITLE OF INVENTION: ANTI-SENSE OLIGONUCLEOTIDES FOR ISOTYPE-SPECIFIC
SUPPRESSION OF IMMUNOGLOBULIN PRODUCTION
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Tanox Biosystems, Inc.
STREET: 10301 Stella Link Rd.
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PS/2
OPERATING SYSTEM: DOS 3.30
SOFTWARE: wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10024
FILING DATE: 19921118
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/794,395
FILING DATE: 11/18/91
ATTORNEY/AGENT INFORMATION:
NAME: Mabel, Eric P.
REGISTRATION NUMBER: 31,211
REFERENCE/DOCKET NUMBER: TNX91-6-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 664-2288
TELEFAX: (713) 664-8914
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 55 nucleotides
TYPE: NUCLEIC ACID
STRANDEDNESS: double-stranded
TOPOLOGY: linear
PCT-US92-10024-8

Query Match 67.5%; Score 16.2; DB 5; Length 55;
Best local Similarity 85.7%; Pred. No. 53;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 ggcgtgctggatgtcggaag 22
||||| ||||| |||||
Db 50 GCGTGTGCGGATGCTGGAA 30

RESULT 2
PCT-US92-10024-9/c.
Sequence 9, Application PC/TUS9210024
GENERAL INFORMATION:
APPLICANT: Chang, Tse Wen
TITLE OF INVENTION: ANTI-SENSE OLIGONUCLEOTIDES FOR ISOTYPE-SPECIFIC
TITLE OF INVENTION: SUPPRESSION OF IMMUNOGLOBULIN PRODUCTION
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Tanox Biosystems, Inc.
STREET: 10301 Stella Link Rd.
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PS/2
OPERATING SYSTEM: DOS 3.30
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10024
FILING DATE: 19921118
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/794,395
FILING DATE: 11/18/91
ATTORNEY/AGENT INFORMATION:
NAME: Mirabel, Eric P.
REGISTRATION NUMBER: 31,211
REFERENCE/DOCKET NUMBER: TNX91-6-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 664-2288
TELEFAX: (713) 664-8914
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 55 nucleotides
TYPE: NUCLEIC ACID
STRANDEDNESS: double-stranded
TOPOLOGY: linear
PCT-US92-10024-9

Query Match 67.5%; Score 16.2; DB 5; Length 55;
Best Local Similarity 85.7%; Pred. No. 53;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 ggcgtgctcggaatgcgaa 22
||||| ||||| |||||
Db 50 ggcgtgctcggaatgcgaa 30

RESULT 3
US-08-911-894-64/c
Sequence 64, Application US/08911894
Patent No. 6030830
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Zhang, Ke
APPLICANT: Fujieda, Shigeharu
TITLE OF INVENTION: IMMUNOGLOBULIN TRANS-SPICED TRANSCRIPTS
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Akin, Gump, Strauss, Hauer & Feld
STREET: 816 Congress Avenue, Suite 1900
CITY: Austin
STATE: Texas
COUNTRY: USA
ZIP: 78701
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,894
FILING DATE: Concurrently Herewith
CLASSIFICATION: 536
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER: US 60/023,579
FILING DATE: 19-AUG-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: 43496.0006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 499-6200
TELEFAX: (512) 499-6290
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 60 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-911-894-64

Query Match 67.5%; Score 16.2; DB 3; Length 60;
Best Local Similarity 85.7%; Pred. No. 54;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 ggcgtgctcggaatgcgaa 22
||||| ||||| |||||
Db 45 ggcgtgctcggaatgcgaa 25

RESULT 4
US-08-678-039A-25/c
Sequence 25, Application US/08678039A
Patent No. 5858662
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Morris, Colleen A.
TITLE OF INVENTION: Diagnosis of Williams Syndrome and
TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
TITLE OF INVENTION: Presence or Absence of a LIM-kinase Gene
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
STREET: 555 Thirteenth Street, N.W., Suite 701 East
CITY: Washington
STATE: DC
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/678,039A
FILING DATE: 10-JUL-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 2323-120A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-624-1589
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-678-039A-25

Query Match 62.5%; Score 15; DB 2; Length 30;
Best Local Similarity 78.3%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 1 tggctggtcggatgctggaag 23
||||| ||||| | |||
Db 28 TGGCTGTCCTGGGATGGAGGAAG 6

RESULT 5
US-08-530-492-29/C
Sequence 29, Application US/08530492
Patent No. 5689052
GENERAL INFORMATION:
APPLICANT: Brown, Sherri M.
APPLICANT: Dean, Duff A.
APPLICANT: Fromm, Michael E.
APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
Expression in Monocotyledonous Plants and Method For
TITLE OF INVENTION: Preparation Thereof
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BBAF
STREET: 700 Chesterfield Parkway No. 5689052th
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63198
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/530,492
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/172,333
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hoerner Jr., Dennis R.
REGISTRATION NUMBER: 30,914
REFERENCE/DOCKET NUMBER: 38-21(10605)A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314)537-6099
TELEFAX: (314)537-6047
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 43 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-530-492-29

Query Match 60.0%; Score 14.4; DB 1; Length 43;
Best Local Similarity 75.0%; Pred. No. 3.3e+02;

Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
OY 1 tggctggtcggatgctggaag 24
||||| ||||| | |||||
Db 25 TGGGTGATTGGAGGACGGAATG 2

RESULT 6
US-08-906-517-29/C
Sequence 29, Application US/08906517
Patent No. 6180774
GENERAL INFORMATION:
APPLICANT: Brown, Sherri M.
APPLICANT: Dean, Duff A.
APPLICANT: Fromm, Michael E.
APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
Expression in Monocotyledonous Plants and Method For
TITLE OF INVENTION: Preparation Thereof
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/906,517
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: M0BT:170
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512-418-3000
TELEFAX: 512-474-7577
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 43 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-906-517-29

Query Match 60.0%; Score 14.4; DB 4; Length 43;
Best Local Similarity 75.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 1 tggctggtcggatgctggaag 24
||||| ||||| | |||||
Db 25 TGGGTGATTGGAGGACGGAATG 2

RESULT 7
US-09-363-189B-12/C
Sequence 12, Application US/09363189B
Patent No. 6242228
GENERAL INFORMATION:
APPLICANT: SUGIYAMA, MASAKAZU
APPLICANT: TONOUCHI, NAOTO
APPLICANT: SUZUKI, SHUNICHI
APPLICANT: YOKOZAKI, KENZO
TITLE OF INVENTION: XYLILOX DEHYDROGENASE OF ACETIC ACID BACTERIA AND GENE T
FILE REFERENCE: 0010-1024-0
CURRENT APPLICATION NUMBER: US/09/363,189B

CURRENT FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: JP10-216047
PRIOR FILING DATE: 1998-07-30
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin version 3.0
SEQ ID NO 12
LENGTH: 31
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: synthetic DNA
US-09-363-189B-12

Query Match 59.2%; Score 14.2; DB 4; Length 31;
Best Local Similarity 84.2%; Pred. No. 3.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5 tggctggagatgcggaag 23
db 22 TGGTCGGGACTTCGGAAG 4

RESULT 8
US-08-089-996-36/C
Sequence 36, Application US/08089996
Patent No. 5703054
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESS: Mackiewicz & No. 5703054ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/089, 996
FILING DATE: 19930709
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-089-996-36

Query Match 58.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tggctggatcggga 14
db 19 TGGCTGCTCGGA 6

RESULT 9
US-08-478-178A-36/C
Sequence 36, Application US/08478178A
Patent No. 5882927
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESS: Mackiewicz & No. 5882927ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-478-178A-36

Query Match 58.3%; Score 14; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tggctggatcggga 14
db 19 TGGCTGCTCGGA 6

RESULT 10
US-08-488-177-36/C
Sequence 37, Application US/08488177
Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESS: Mackiewicz & No. 5885970ris
STREET: One Liberty Place - 46th Floor

Kinase C

CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-488-177-36

Query Match 58.3%; Score 14; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 tggctggtctggga 14
|||||
DB 19 TGGCTGCTGGGA 6

RESULT 11
US-08-481-072A-36/C
Sequence 36, Application US/08481072A
Patent No. 5916807
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: oligonucleotide Modulation of
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,072A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond

REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-072A-36

Query Match 58.3%; Score 14; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 tggctggtctggga 14
|||||
DB 19 TGGCTGCTGGGA 6

RESULT 12
US-08-664-336-36/C
Sequence 36, Application US/08664336
Patent No. 5922686
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5922686ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/664,336
FILING DATE: herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2345
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-664-336-36

Query Match 58.3%; Score 14; DB 2; Length 20;

Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 tggctggtctgga 14
19 tggctggtctgga 6
Db

RESULT 13
US-08-481-066A-36/c
Sequence 36, Application US/08481066A
Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-481-066A-36

Query Match 58.3%; Score 14; DB 2; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 tggctggtctgga 14
19 tggctggtctgga 6
Db

RESULT 14
US-08-578-615A-36/c
Sequence 36, Application US/08578615A
Patent No. 6015892
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase C
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892cris LLP

STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,615A
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1568
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-578-615A-36

Query Match 58.3%; Score 14; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 tggctggtctgga 14
19 tggctggtctgga 6
Db

RESULT 15
PCT-US93-02213-36/c
Sequence 36, Application PC/TUS9302213
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/02213
FILING DATE: 19930225
CLASSIFICATION:
PRIOR APPLICATION DATA:

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: APPLICATION NUMBER: 852,852
: FILING DATE: March 16, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Jane Massey Licata
: REGISTRATION NUMBER: 32,257
: REFERENCE/DOCKET NUMBER: ISIS-0872
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (215) 568-3100
: TELEFAX: (215) 568-3439
: INFORMATION FOR SEQ ID NO: 36:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 20
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: linear
: ANTI-SENSE: Yes
: PCT-US93-02213-36

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Query Match          58.3%  Score 14; DB 5; Length 20;
Best Local Similarity 100.0%  Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 tggctggctctggga 14
   |||||||||||||
Db 19 TGCGTGGTCTGGGA 6

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Search completed: March 9, 2002, 00:54:06
 Job time: 11357 sec

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